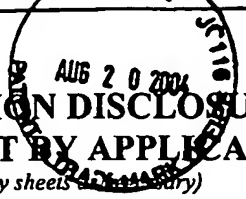


Substitute for form 1449A/PTO			<div style="text-align: center;">  </div>		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/782,373	
			Filing Date	February 28, 2004	
			First Named Inventor	Jesse L. BEAUCHAMP	
			Art Unit	1621 1625	
Examiner Name	Unassigned <i>Covington</i>				
Sheet	1	of	2	Attorney Docket Number	1950-0024

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T	
<i>Re</i>	AA	BELL et al. (1999), "A Small-Molecule Guanidinium Receptor: The Arginine Cork," <i>Angew. Chem. Int. Ed.</i> 38(17):2543-2547.		
<i>Re</i>	AB	BRADSHAW et al. (1996), "Crown Ethers," <i>Comprehensive Supramolecular Chemistry</i> 1:35-95, G.W. Gokel (Ed.) Pergamon/Elsevier, Oxford.		
<i>Re</i>	AC	CHANDLER et al. (1981), "Synthesis of Some 2,9-Disubstituted-1, 10-Phenanthrolines," <i>J. Heterocycl. Chem.</i> 18:599-601.		
<i>Re</i>	AD	FRIESS et al. (2001), "Protein Structure Information from Mass Spectrometry? Selective Titration of Arginine Residues by Sulfonates," <i>J. Am. Soc. Mass Spectrom.</i> 12:810-818.		
<i>Re</i>	AE	GALÁN et al. (1992), "A Receptor for the Enantioselective Recognition of Phenylalanine and Tryptophan Under Neutral Conditions," <i>J. Am. Chem. Soc.</i> 114:1511-1512.		
<i>Re</i>	AF	HU et al. (1995), "Gas-Phase Coordination Properties of Zn ²⁺ , Cu ²⁺ , Ni ²⁺ , and Co ²⁺ with Histidine-Containing Peptides," <i>J. Am. Chem. Soc.</i> 117(45):11314-11319.		
<i>Re</i>	AG	JULIAN et al. (2001), "Site Specific Sequestering and Stabilization of Charge in Peptides by Supramolecular Adduct Formation with 18-Crown-6 Ether by Way of Electrospray Ionization," <i>Int. J. Mass Spectrom.</i> 210/211:613-623.		
<i>Re</i>	AH	JULIAN et al. (2002), "Molecular Recognition of Arginine in Small Peptides by Supramolecular Complexation with Dibenzo-30-crown-10 Ether," <i>Int. J. Mass Spectrom.</i> 220:87-96.		
<i>Re</i>	AI	JULIAN et al. (2002), "The Unusually High Proton Affinity of Aza-18-crown-6 Ether: Implications for the Molecular Recognition of Lysine in Peptides by Lariat Crown Ethers," <i>J. Am. Soc. Mass Spectrom.</i> 13:493-498.		
<i>Re</i>	AJ	JULIAN et al. (2003), "Molecular Mousetraps: Gas-Phase Studies of the Covalent Coupling of Noncovalent Complexes Initiated by Reactive Carbenes Formed by Controlled Activation of Diazo Precursors," <i>Angew. Chem. Int. Ed.</i> 42(9):1012-1015.		
<i>Re</i>	AK	LEE et al. (1998), "Salt Bridge Chemistry Applied to Gas-Phase Peptide Sequencing: Selective Fragmentation of Sodiated Gas-Phase Peptide Ions Adjacent to Aspartic Acid Residues," <i>J. Am. Chem. Soc.</i> 120(13):3188-3195.		
<i>Re</i>	AL	LEE et al. (1998), "Selective Binding of Crown Ethers to Protonated Peptides Can Be Used to Probe Mechanisms of H/D Exchange and Collision-Induced Dissociation Reactions in the Gas Phase," <i>J. Am. Chem. Soc.</i> 120(23):5800-5805.		
<i>Re</i>	AM	LIN et al. (1998), "C-Terminal Peptide Sequencing via Multistage Mass Spectrometry," <i>Anal. Chem.</i> 70(24):5162-5165.		
<i>Re</i>	AN	LUDWIG (2000), "Calixarenes in Analytical and Separation Chemistry," <i>Fresenius J. Anal. Chem.</i> 367:103-128.		
<i>Re</i>	AO	MALEKNIA et al. (1993), "Cavity-Size-Dependent Dissociation of Crown Ether/Ammonium Ion Complexes in the Gas Phase," <i>J. Am. Chem. Soc.</i> 115(7):2837-2843.		
<i>Re</i>	AP	NEMIROVSKIY et al. (1998), "Gas Phase Studies of the Interactions of Fe ²⁺ with Cysteine-Containing Peptides," <i>J. Am. Soc. Mass Spectrom.</i> 9:1285-1292.		
<i>Re</i>	AQ	NGOLA et al. (1999), "A Selective Receptor for Arginine Derivatives in Aqueous Media. Energetic Consequences of Salt Bridges That Are Highly Exposed to Water," <i>J. Am. Chem. Soc.</i> 121(6):1192-1201.		
<i>Re</i>	AR	RENSING et al. (2001), "Optimization of a Synthetic Arginine Receptor. Systematic Tuning of Noncovalent Interactions," <i>J. Org. Chem.</i> 66(17):5814-5821.		
<i>Re</i>	AS	SCHRADER (1998), "Strong Binding of Arylguanidinium Ions by Benzylic Bisphosphonates – Evidence for π -cation and π,π -interactions," <i>Tetrahedron Letters</i> 39:517-520.		
<i>Re</i>	AT	STEEN et al. (2002), "Analysis of Protein-Nucleic Acid Interactions by Photochemical Cross-Linking and Mass Spectrometry," <i>Mass Spectrom. Rev.</i> 21:163-182.		

Examiner Signature	<i>Raymond Covington</i>	Date Considered	8/18/05
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<i>Re</i>	AU	TSAPRAILIS et al. (1999), "Influence of Secondary Structure on the Fragmentation of Protonated Peptides," <i>J. Am. Chem. Soc.</i> <u>121</u> (22):5142-5154.		
<i>P</i>	AV	TSAPRAILIS et al. (2000), "Refining the Model for Selective Cleavage at Acidic Residues in Arginine-Containing Protonated Peptides," <i>Int. J. Mass Spectrom.</i> <u>195/196</u> :467-479.		
<i>Re</i>	AW	WEIJNEN et al. (1992), "Functionalised 1,10-Phenanthroline Metallocatalysts as Models for Hydrolytic Metalloenzymes," <i>J. Chem. Soc. Perkin Trans.</i> <u>2</u> :829-834.		

Examiner Signature	<i>Raymond C. Smith</i>	Date Considered	<i>8/18/05</i>
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